

CLAIMS

1. Method of supplying oil from a first floating structure to an offloading structure,
5 comprising the steps of:
- providing a flexible duct extending between the two structures at a water depth of between 50m and 500m, the duct comprising a flexible elastomeric material and having an internal diameter of at least 600 mm and a length of between 1500 and 3000 m,
 - 10 - providing at least one pump at the first structure and pumping the oil through the duct at a pressure between 5 bar and 30 bar and at a flow rate between 1000 and 50.000 m³/hr, characterised in
 - providing a single flexible duct, and
 - providing a wall thickness of the duct such that at water temperatures between
15 2°C and 20°C, preferably between 2°C and 10°C, the oil comprises at the first structure an inlet temperature T_{in} and at the second structure an outlet temperature T_o which is such that $T_{in} - T_o$ is smaller than or equal to 15°C, preferably smaller than 5°C.
- 20 2. Method according to claim 1, providing a wall with a heat transfer coefficient smaller than 10 W/mK, preferably between 0.1 and 1 W/mK.
3. Method according to claim 1, comprising the step of providing an insulating material around the duct with having buoyancy.
- 25 4. Method of claim 1, 2 or 3, comprising the step of providing a friction reduction layer on the inner wall of the duct.